

WEST Search History

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DATE: Monday, January 05, 2004

Hide?	<u>Set</u>	<u>Query</u>	<u>Hit</u>
	<u>Name</u>		<u>Count</u>
		<i>DB=PGPB,USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=OR</i>	
<input type="checkbox"/>	L4	L3 and acupuncture	8
<input type="checkbox"/>	L3	(hernia or spin\$5 with compression) same (relax\$5 ro release or decompress\$5 or paraly\$5 or botox or botul\$5)	692
<input type="checkbox"/>	L2	(spin\$3 with compression or hernia) same (intrinsic or deep adj spin\$3 or multifidud or rotator)	38
<input type="checkbox"/>	L1	(spin\$3 with compression or hernia) and (intrinsic or deep adj spin\$3 or multifidud or rotator)	581

END OF SEARCH HISTORY

571

FILE 'HOME' ENTERED AT 08:38:16 ON 05 JAN 2004

L1 QUE (HERNIA OR COMPRESSION) AND (PARASPINAL OR INTRINSIC (A) MUSCL## OR DE
EP (A) SPIN## (3A) MUSCL## OR MUTLIFIDUS OR ROTAT## (S) MUSCL##)

L10 10 L8 AND (HERNIA OR COMPRESS###) (P) (RELAX#### OR DECOMPRESS####
OR PARALY##### OR RELEASE)

L11 325 L1 AND (HERNIA OR COMPRESSION) (S) (PARASPINAL OR INTRINSIC (A)
MUSCL## OR DEEP (A) SPIN## (3A) MUSCL## OR MUTLIFIDUS OR ROTAT##
(S) MUSCL##)

(FILE 'HOME' ENTERED AT 08:38:16 ON 05 JAN 2004)

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, AQUASCI,
BIOBUSINESS, BIOCOMMERCE, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA,
CANCERLIT, CAPLUS, CEABA-VTB, CEN, CIN, CONFSCI, CROPB, CROPU, DISSABS,
DDFB, DDFU, DGENE, DRUGB, DRUGMONOG2, ...' ENTERED AT 08:38:43 ON 05 JAN
2004

SEA (HERNIA OR COMPRESSION) AND (PARASPINAL OR INTRINSIC (A) MU

1 FILE AQUASCI
85 FILE BIOSIS
1 FILE BIOTECHABS
1 FILE BIOTECHDS
2 FILE BIOTECHNO
5 FILE CABA
56 FILE CANCERLIT
5 FILE CAPLUS
4 FILE DISSABS
3 FILE DRUGU
1 FILE EMBAL
233 FILE EMBASE
17 FILE ESBIODASE
1* FILE FEDRIP
1 FILE HEALSAFE
16 FILE IFIPAT
21 FILE JICST-EPLUS
2 FILE LIFESCI
171 FILE MEDLINE
6 FILE NIOSHTIC
72 FILE PASCAL
5 FILE PROMT
108 FILE SCISEARCH
8 FILE TOXCENTER
590 FILE USPATFULL
29 FILE USPAT2
11 FILE WPIDS
11 FILE WPINDEX
1 FILE DIOGENES

L1 QUE (HERNIA OR COMPRESSION) AND (PARASPINAL OR INTRINSIC (A) MU

FILE 'MEDLINE, PASCAL, BIOSIS, EMBASE, SCISEARCH' ENTERED AT 08:42:47 ON
05 JAN 2004

L2 669 S L1
L3 126 S L2 AND (MULTIFIDUS OR ROTAT###) (S) MUSCLE
L4 1 S L3 AND (BOTOX OR BOTUL#####)
L5 106 S L3 NOT PY>2002

L6 69 DUP REM L3 (57 DUPLICATES REMOVED)
L7 1 S L5 AND L4
L8 58 S L5 AND L6
L9 51 S L8 AND (RELAX#### OR COMPRESS#### OR PARALY##### OR RELEASE
L10 10 S L8 AND (HERNIA OR COMPRESS###) (P) (RELAX#### OR DECOMPRESS#
L11 325 S L1 AND (HERNIA OR COMPRESSION) (S) (PARASPINAL OR INTRINSIC (
L12 35 S L11 AND L8
L13 26 S L12 NOT L10
L14 10 S L13 AND (BOTOX OR ROTATOR OR MULTIFIDUS OR BOTUL####)

L14 ANSWER 2 OF 10 MEDLINE on STN
 AN 2000125869 MEDLINE
 DN 20125869 PubMed ID: 10657162
 TI Correlation between the MRI changes in the lumbar **multifidus**
muscles and leg pain.
 AU Kader D F; Wardlaw D; Smith F W
 CS Department of Radiology, Woodend Hospital, Eday Road, Aberdeen, AB15 6XS,
 U.K.
 SO CLINICAL RADIOLOGY, (2000 Feb) 55 (2) 145-9.
 Journal code: 1306016. ISSN: 0009-9260.
 CY ENGLAND: United Kingdom
 DT Journal; Article; (JOURNAL ARTICLE)
 LA English
 FS Priority Journals
 EM 200003
 ED Entered STN: 20000407
 Last Updated on STN: 20000407
 Entered Medline: 20000330
 AB AIM: In the assessment of the lumbar spine by magnetic resonance imaging
 (MRI), changes in the **paraspinal** muscles are frequently
 overlooked. In this study, our objective was to investigate the
 relationships between lumbar **multifidus** (MF) **muscle**
 atrophy and low back pain (LBP), leg pain and intervertebral disc
 degeneration. METHODS: A retrospective study of 78 patients (aged 17-72)
 with LBP presenting with back pain with or without associated leg pain was
 undertaken. Their MR images were visually analysed for signs of lumbar MF
 muscle atrophy, disc degeneration and nerve root **compression**.
 The clinical history in each case was obtained from their case notes and
 pain drawing charts. RESULTS: MF muscle atrophy was present in 80% of the
 patients with LBP. The correlation between MF muscle atrophy and leg pain
 was found to be significant ($P < 0.01$). However, the relationships
 between muscle atrophy and radiculopathy symptoms, nerve root
compression, herniated nucleus pulposus and number of degenerated
 discs were statistically not significant. CONCLUSION: Examination of the
paraspinal muscles looking for atrophy of MF muscle should be
 considered when assessing MR images of lumbar spine. This may explain the
 referred leg pain in the absence of other MR abnormalities.
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